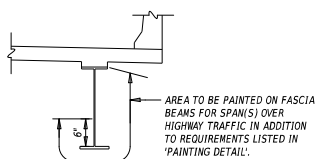
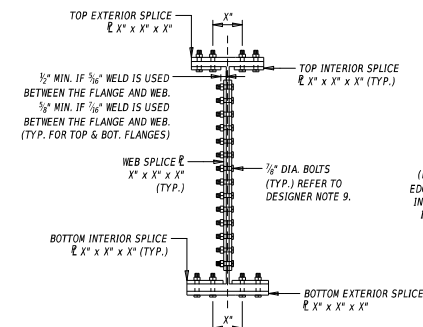


NOTE: EXAMPLE SHOWN MUST BE MODIFIED TO MEET DESIGN REQUIREMENTS. TYP. ALL FOR SPICE DETAILS SHOWN ON THIS SHEET.

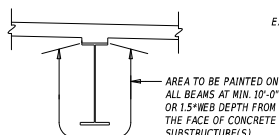


FASCIA BEAM PAINTING DETAIL

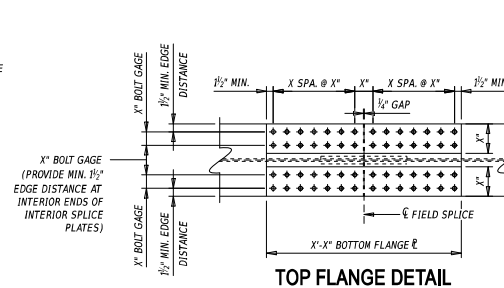
NOTE: PROVIDE ABOVE DETAILS FOR WEATHERED STEEL BRIDGES.



SECTION A-A

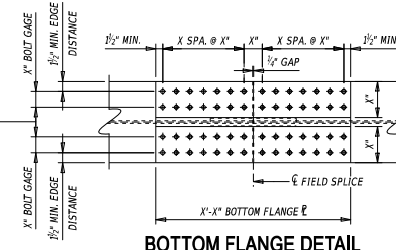


PAINTING DETAIL

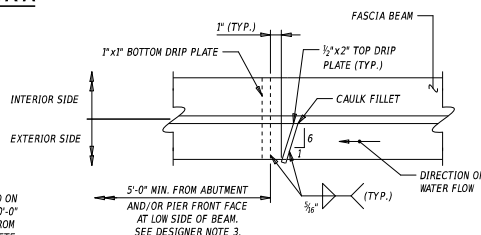


TOP FLANGE DETAIL

X" BOLT GAGE (PROVIDE MIN. 1 1/2" EDGE DISTANCE AT INTERIOR ENDS OF INTERIOR SPICE PLATES)

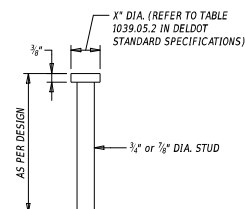


BOTTOM FLANGE DETAIL

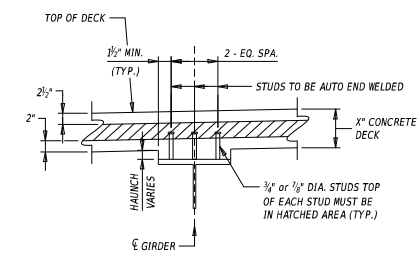


DRIP PLATE DETAIL

NOTE: PROVIDE ABOVE DETAIL FOR WEATHERED STEEL BRIDGES.

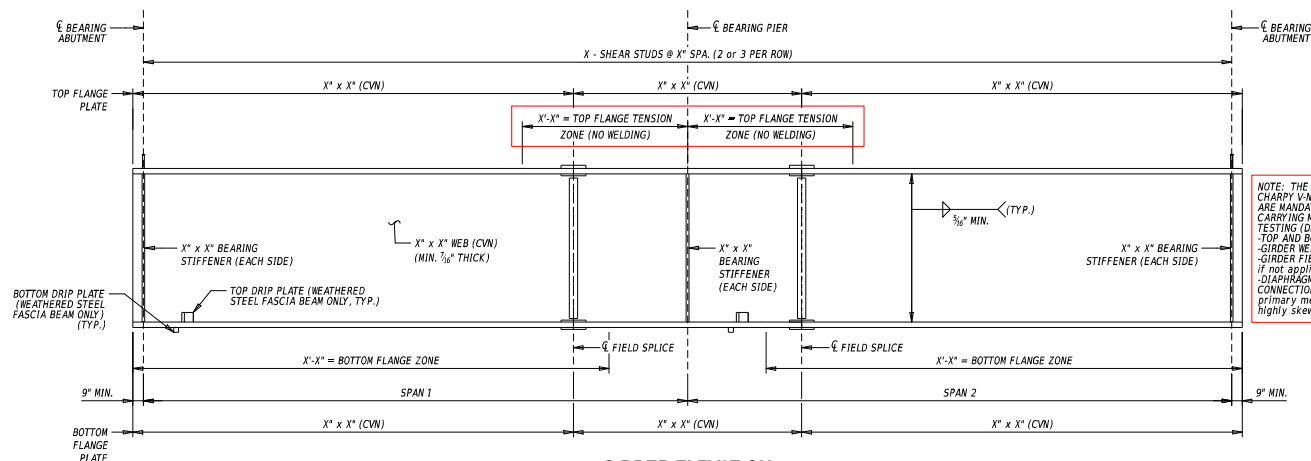


STUD DETAIL



SHEAR STUD DETAIL

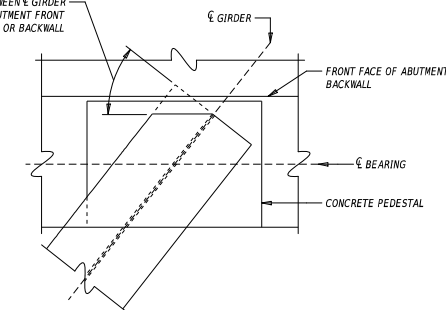
NOTE: EXAMPLE SHOWN USING 3 SHEAR STUDS PER ROW.



GIRDER ELEVATION

NOTE: CONNECTION PLATES AND POTENTIAL JACKING STIFFENERS NOT SHOWN FOR CLARITY. "CVN" DENOTES CHARTY V-NOTCH TESTING.

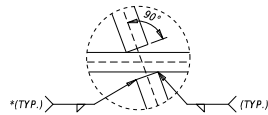
PROVIDE ANGLE BETWEEN G GIRDER AND PARALLEL WITH ABUTMENT FRONT FACE OR BACKWALL



GIRDER FLANGE CLIP DETAIL

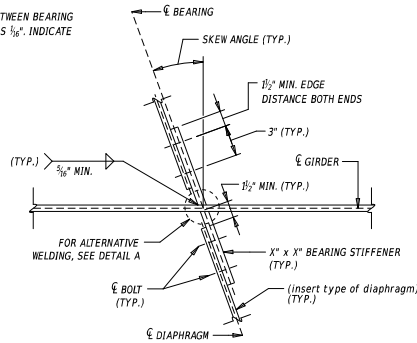
NOTE: PROVIDE SIMILAR ABOVE DETAIL AS REQUIRED FOR SKEWED BRIDGES. SOLE PLATE AND BEARING NOT SHOWN FOR CLARITY.





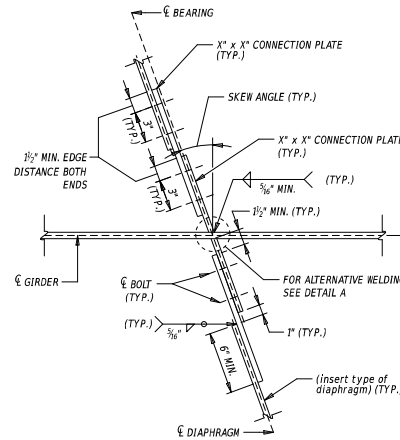
DETAIL A

* NOTE: WELD SIZE MUST BE INCREASED BY AMOUNT OF GAP BETWEEN BEARING STIFFENER OR CONNECTION PLATE AND WEB WHEN GAP EXCEEDS $\frac{1}{16}$ ". INDICATE SIZE ON SHOP DRAWINGS.



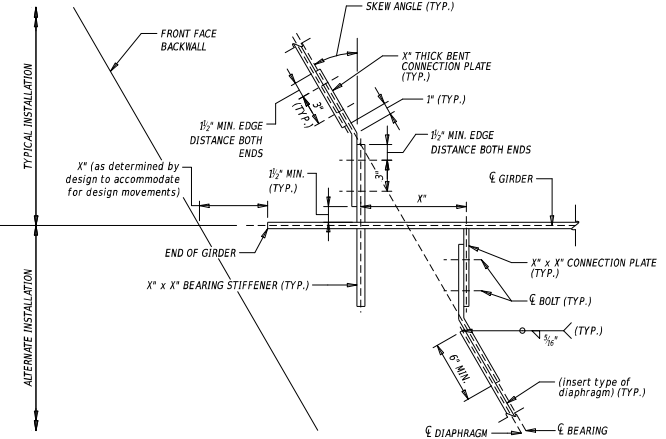
CONNECTION PLATE DETAIL FOR SKEWS UP TO 20° (OPTION 1)

NOTE: EXAMPLE SHOWN USING BEARING STIFFENERS, TYPICAL FOR K-SHAPED INTERMEDIATE DIAPHRAGMS AND END/INTERMEDIATE DIAPHRAGMS UTILIZING MC CHANNELS OR W-BEAMS.



CONNECTION PLATE DETAIL FOR SKEWS UP TO 20° (OPTION 2)

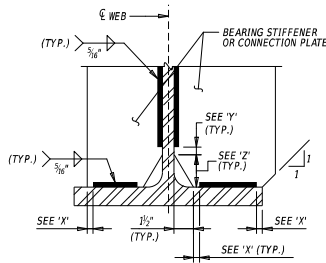
NOTE: THE WELDING IN "ALTERNATE INSTALLATION" MUST BE DONE BY THE FABRICATOR. EXAMPLE SHOWN USING CONNECTION PLATES, TYPICAL FOR INTERMEDIATE CROSS FRAME DIAPHRAGMS AND END DIAPHRAGMS UTILIZING W-BEAMS.



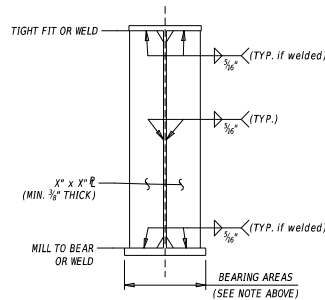
CONNECTION PLATE DETAIL FOR SKEWS GREATER THAN 20° (END & PIER ONLY)

NOTE: THE WELDING IN "ALTERNATE INSTALLATION" MUST BE DONE BY THE FABRICATOR.

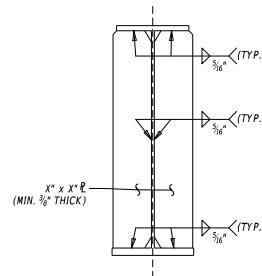
NOTE:
X = $\frac{1}{4}$ " +/- $\frac{1}{8}$ "
Y = $\frac{1}{2}$ " +/- $\frac{1}{8}$ "
Z = FOLLOWING:
-2 $\frac{1}{2}$ " FOR $\frac{1}{2}$ " WEB
-3" FOR $\frac{3}{8}$ " WEB
-4" FOR $\frac{3}{4}$ " WEB



WELD TERMINATION AND CORNER CHAMFER DETAIL

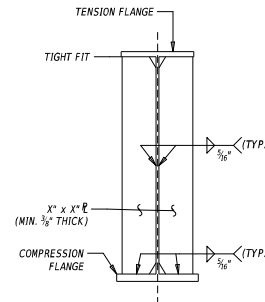


BEARING STIFFENER DETAIL



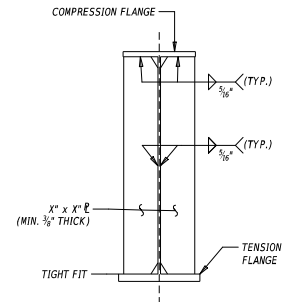
CONNECTION PLATE DETAIL FOR INTERMEDIATE DIAPHRAGMS

NOTE: CONNECTION PLATES NOT NEEDED ON EXTERIOR SIDE OF THE FASCIA GIRDER/BEAM.



INTERMEDIATE STIFFENER DETAIL

NEGATIVE MOMENT REGION



INTERMEDIATE STIFFENER DETAIL

POSITIVE MOMENT REGION



